



COUNTY BOROUGH OF DEWSBURY

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# ANNUAL REPORT

OF THE

PUBLIC HEALTH SERVICE

FOR THE YEAR

1943

BY

The Medical Officer of Health





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## HEALTH COMMITTEE.

Chairman—Alderman J. HALSTEAD, J.P.

Vice-Chairman—Alderman J. R. DYSON.

The Mayor (Alderman T. LEE, J.P.)	Councillor C. FRYER
Alderman A. SUGDEN, J.P.	Councillor Mrs. I. HINCHLIFFE,
Alderman H. SHAW, J.P.	M.B.E., J.P.
Councillor C. DRANSFIELD	Councillor M. SCARGILL

## MATERNITY AND CHILD WELFARE COMMITTEE—

The Health Committee with Mesdames F. W. CRAVEN, J. FLOWERS, H. J. HOLDEN and S. A. WOOD.

## DAY NURSERIES MANAGEMENT SUB-COMMITTEE.

Alderman J. HALSTEAD, J.P.	Councillor M. SCARGILL
Alderman H. SHAW	Mrs. E. CULLINGWORTH
Councillor Mrs. I. HINCHLIFFE	Miss H. M. LEE
M.B.E., J.P.	Mrs. LIVERSIDGE

## MENTAL DEFICIENCY COMMITTEE.

The Health Committee with Mesdames F. W. CRAVEN, J. FLOWERS, H. J. HOLDEN and S. A. WOOD.

## HOUSING AND TOWN PLANNING COMMITTEE.

Chairman—The Mayor (Alderman T. LEE, J.P.)

Vice-Chairman—Alderman F. K. B. PARKER, J.P.

Councillor J. E. CHADWICK	Councillor R. MYERS
Councillor Mrs. I. HINCHLIFFE,	Councillor C. NOWELL
M.B.E., J.P.	Councillor H. F. SHAW
Councillor J. R. KERSHAW	Councillor T. WALKER

## JOINT COMMITTEES.

### DEWSBURY JOINT HOSPITAL BOARD—

(Dewsbury Representatives)

Chairman—Councillor Mrs. I. HINCHLIFFE, M.B.E., J.P.

Vice-Chairman—Alderman A. SUGDEN, J.P.

The Mayor (Alderman T. LEE, J.P.)	Alderman H. SHAW, J.P.
Alderman J. HALSTEAD, J.P.	Alderman F. W. TONG
Alderman K. OLDROYD, J.P.	Councillor C. FRYER
Alderman F. K. B. PARKER, J.P.	Councillor H. F. SHAW

### SOUTH-WEST YORKSHIRE JOINT BOARD FOR THE MENTALLY DEFECTIVE—

(Dewsbury Representatives)

Alderman J. HALSTEAD, J.P.	Councillor C. FRYER
Councillor M. SCARGILL (co-opted)	

## STAFF OF THE HEALTH DEPARTMENT, 1943.

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### Medical Officer of Health—

J. F. GALLOWAY, M.D., Ch.B., M.R.C.S., L.R.C.P., D.P.M., D.P.H. (until 5.9.43)  
 CARRICK G. PAYTON, M.D., Ch.B., D.P.H. (from 10.10.43).

### Deputy Medical Officer of Health—

E. H. TOMLIN, M.D., Ch.B., D.P.H. (on Military Service).  
 G. KATZ, M.D. (Prague), Temporary.

### Assistant Medical Officer of Health—

G. H. WHALLEY, M.B., B.S., D.P.H. (on Military Service).  
 F. ROTHENBERG, M.D. (Breslau), Temporary.  
 JACQUELINE V. KEIGHLEY, M.R.C.S., L.R.C.P. (until 31.7.43).  
 MARY DOREEN FOX, M.B., Ch.B., (from 16.10.43).

### Orthopaedic Surgeon—

\*A. B. PAIN, Ch.M., F.R.C.S.

### Ophthalmic Surgeon—

\*W. OLIVER LODGE, F.R.C.S. (Ed.), D.O.M.S.

### Consulting Obstetrician—

\*D. CURRIE, M.D., F.R.C.S., M.R.C.O.G.

### Dental Surgeons—

A. McCULLY, L.D.S. (on Military Service).  
 J. MILLER, L.D.S. (until December, 1943).  
 B. ROLL, M.D. (Vienna), Temporary.

### Chief Sanitary Inspector—

H. HAWORTH, M.S.I.A., Cert. S.I.J.B., Cert. Meat Ins., Cert. Sanitary Science.

### Deputy Chief Sanitary Inspector—

F. T. HARRISON, M.S.I.A., Cert. S.I.J.B., Cert. Meat Insp.

### District Sanitary Inspectors—

N. HAWKINS, M.S.I.A., Cert. S.I.J.B., Cert. Meat Insp.  
 F. BURGIN, M.S.I.A., Cert. S.I.J.B. (on Military Service).

### Whitley Sanatorium—

**Matron**—E. L. LYONS, S.R.N., S.C.M.

**Staff**—1 Sister, 3 Nurses.

### Moorlands Maternity Home.

**Matron**—C. BARRY, S.R.N., S.C.M.

**Staff**—4 Sisters, 2 Staff Midwives, 9 Assistant Nurses.

**Health Visitors—**

M. MAHON, S.R.N., S.C.M., Health Visitor's Cert.  
 K. MAHON, S.R.N., S.C.M., Health Visitor's Cert.  
 I. GARTON, S.C.M., Health Visitor's Cert.  
 A. HAWKINS, S.R.N., S.C.M., Health Visitor's Cert.  
 L. ILLINGWORTH, S.R.N., S.C.M. (from 7.8.43).

**Tuberculosis Nurse—**

M. TODHUNTER, S.R.N., S.C.M.

**Municipal Midwives—**

N. CROFT, S.R.N., S.C.M.  
 M. HAMMERTON, S.C.M.  
 M. E. LANCASTER, S.C.M.  
 E. H. SPENCER, S.C.M.

**Borough Analyst—**

\*F. W. RICHARDSON, F.I.C.

**Chief Clerk and Vaccination Officer—**

E. AUTY, C.R.S.I.

**Clerical Staff—**

G. AUTY (on Military Service).  
 L. WHITELEY (on Military Service).  
 S. BURNS.  
 D. NODDINGS.  
 B. SUTTON (on Military Service).  
 D. HANSON (until 16.10.43).  
 G. MILNES.  
 P. H. COX.  
 J. GARFORTH (on Military Service).  
 E. SMALLWOOD (from 4.5.43).

\*Part-time.



## ANNUAL REPORT, 1943.

In accordance with the Minister of Health's Instructions (Ministry of Health Circular 10/44), an abridged Report is presented.

A change of the Medical Officer of Health in the last quarter of the year necessitates a joint responsibility; but the onus of preparation and presentation of the Report is mine.

Generally, and contrary to expectation under war-time conditions, the health of the citizens has been good, and there has been no serious outbreak of infectious disease. The control of Diphtheria by immunization has been proved in many districts, and is now considered the effective method of combating one of the most fatal diseases of childhood.

Problems associated with the calls upon Professional Staff for service in H.M. Forces have had to be met. This, of course, is bound to have effect upon the Public Health facilities as a whole, because no matter how willing a person may be, unless he has the specialized training necessary for the Public Health Branch of Medicine, he cannot give adequate service. Added to these difficulties in Temporary Staff, there is one of language which involves translation of professional terms. Acknowledgement must be made for the service of these gentlemen, who, I am sure in their turn, appreciate the privilege of helping, and benefit by gaining experience in the Medical procedure of this country.

I thank the members of all Committees concerned with the Public Health Services, for their very helpful and painstaking considerations of the many problems which constantly arise. It is rather wonderful how an apparently difficult problem smoothes out "in the process of going through Committee." To the Chairman of the Public Health Committee, no words of mine could adequately express my gratitude for the counsel his very wide experience has enabled him to give at all times. I always feel satisfied, when leaving him, that there is no need to go further—and that is as it should be.

No special space in this Report is allocated to the work of the Clerical Staff, who day after day, continue with the thankless task of keeping records, which are always rather taken for granted. My thanks are due to my Chief Clerk and his assistants who have spared neither time nor effort in making the presentation of this Report possible.

## SECTION A.

## Statistical and Social Conditions.

(Omitted for reasons of security).

## Extracts from Vital Statistics for the Year.

## Live Births.

						M.	F.	Total
Legitimate	...	...	...	...	...	421	407	828
Illegitimate	...	...	...	...	...	39	24	63
						<hr/> 460	<hr/> 431	<hr/> 891

Birth Rate per 1,000 of the estimated resident population  
(mid 1943) ... .. 18.75

Birth Rate for England and Wales ... .. 16.5

## Still Births.

						M.	F.	Total
Legitimate	...	...	...	...	...	24	2	26
Illegitimate	...	...	...	...	...	16	2	18
						<hr/> 40	<hr/> 4	<hr/> 44

Rate per 1,000 total (live and still) Births, Dewsbury ... 47.0

Rate per 1,000 total (live and still) Births, England and  
Wales ... .. 30.2

## Deaths.

Males	...	...	...	...	...	...	...	386
Females	...	...	...	...	...	...	...	371
						Total	...	<hr/> 757

Death Rate per 1,000 of the estimated resident population 15.9

Death Rate for England and Wales ... .. 12.1

The following Table gives an Analysis of the Causes of Death :

**CAUSES OF DEATH, 1943.**

	M.	F.
1 Typhoid Fever, etc. ... ..	—	—
2 Cerebro Spinal Fever ... ..	2	—
3 Scarlet Fever ... ..	—	—
4 Whooping Cough ... ..	—	—
5 Diphtheria ... ..	3	—
6 Respiratory Tuberculosis ... ..	10	10
7 Other forms of Tuberculosis ... ..	5	6
8 Syphilitic Diseases ... ..	3	2
9 Influenza ... ..	15	10
10 Measles ... ..	—	1
11 Ac. Poliomyelitis and Polioencephalitis ... ..	—	—
12 Ac. Inf. Encephalitis ... ..	—	—
13 Cancer of buc : cav. and aesoph (M) ; uterus (F) ... ..	5	8
14 Cancer of stomach and duodenum ... ..	10	10
15 Cancer of breast ... ..	—	11
16 Cancer of all other sites ... ..	29	22
17 Diabetes ... ..	3	4
18 Intra-cranial vascular lesions ... ..	32	51
19 Heart Disease ... ..	103	78
20 Other diseases of circulatory system ... ..	9	7
21 Bronchitis ... ..	20	25
22 Pneumonia ... ..	22	21
23 Other respiratory diseases ... ..	6	1
24 Ulcer of stomach or duodenum ... ..	4	2
25 Diarrhoea (under 2 years) ... ..	3	—
26 Appendicitis ... ..	—	1
27 Other Digestive diseases ... ..	6	14
28 Nephritis... ..	14	13
29 Puerperal and Post-abortion Sepsis ... ..	—	—
30 Other Maternal causes ... ..	—	1
31 Premature Birth ... ..	12	5
32 Congenital Malformation, birth injury, infantile diseases ... ..	6	5
33 Suicide ... ..	7	3
34 Road Traffic Accidents ... ..	14	3
35 Other Violent causes ... ..	38	55
36 All other causes ... ..	—	—
Total ...	386	371

**Maternal Mortality.**

	Actual Deaths	Rate per 1,000 Total (live and still births)	Rate per 1,000 (live and still births) England and Wales.
Puerperal Sepsis ... ..	Nil	Nil	0.84
Other Puerperal Causes ... ..	1	1.07	1.45
Total ...	1	1.07	2.29

### Infantile Mortality.

(Deaths of Infants under one year of age).

<b>Actual.</b>						M.	F.	Total
Legitimate	...	...	...	...	...	31	13	44
Illegitimate	...	...	...	...	...	—	1	1
						<hr/> 31	<hr/> 14	<hr/> 45

### Rates.

Legitimate infants per 1,000 legitimate Live Births	...	49.3
Illegitimate infants per 1,000 illegitimate Live Births	...	28.25
All infants per 1,000 Live Births	...	50.5
England and Wales	...	49.00

					Dewsbury	England and Wales.
Deaths from	Cancer (all ages)	(95)	Rate per 1000	1.99	Not available	
	Measles	(1)	„	0.02		
	Whooping				0.03	
	Cough	(Nil)	„	Nil		
	Diarrhoea (under				5.3	
	2 yrs. of age)	(3)	„	0.06		

## SECTION B.

### GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.

#### 1. (i) Public Health Officers.

Particulars of the Public Health Officers, together with information as to their qualifications, are set out on page 5.

#### (ii) (a) Laboratory Facilities.

Bacteriological work is carried out at the Public Health Department Laboratory, Municipal Buildings, and at the West Riding County Council's Laboratory, Wakefield. Details of the work are shown in the following Tables :—

## Specimens Examined at Dewsbury Bacteriological Laboratory during 1943.

	Swabs	Sputa	Other Examin- ations	TOTAL
Private Practitioners ...	165	14	9	188
General Infirmary ...	9	2	9	20
School Clinic ...	55	—	—	55
Whitley Sanatorium ...	—	28	2	30
Tuberculosis Dispensary ...	—	57	4	61
Mitchell Laithes ...	1489	2	47	1538
Others ...	36	—	44	80
<b>TOTAL ...</b>	<b>1754</b>	<b>103</b>	<b>115</b>	<b>1972</b>

## Specimens Examined at West Riding County Council Laboratory during 1943 for the Dewsbury Health Department.

Swabs for B. Diphtheria ...	30
Swabs for B. Diphtheria for virulence ...	6
Sputum for Tubercle bacilli...	6
Urines and faeces for B. typhosus ...	38
Urines and faeces for B. paratyphosus A and B ...	38
Swabs for B. anthracis (inoculated) ...	3
Milks for tubercle bacilli' ...	4
Samples of Milk for bacterial content ...	24
Milks for Phosphatase test ...	17
Milks for methylene blue test ...	58
Blood for Wassermann Reaction ...	196
Examination for detection of Gonococci ...	169
Gonococcal Complement Fixation test ...	80
Examination for detection of Spirochaetes ...	—
Urines for general examination and tubercle bacilli ...	10
Samples of water for bacteriological examination ...	1
Cerebro-spinal fluids for organisms ...	11
Cerebro-spinal fluids for chlorides ...	11
Faeces for occult blood ...	1
Blood films for cytological examination ...	4
Sterility test ...	1
Swabs for Haemolytic streptococci ...	1
Swabs for organisms ...	6
Urine for Sugar ...	1
Tissues for Histology ...	2
Faeces for tubercle bacilli (inoculated) ...	1
Blood Sera for B. typhosus ...	10
Blood Sera for Br. abortus ...	10
Blood Urea ...	3
Urines for pregnancy test ...	15
<b>Total ...</b>	<b>757</b>

**(b) Ambulance Facilities.**

Three Motor Ambulances are available for Non-infectious and Accident Cases ; 2 are provided by the Dewsbury Corporation for accidents and are controlled by the Police, and one by the Ravensthorpe St. John Ambulance Brigade. The Dewsbury Joint Hospital Board provides 2 Ambulances for the removal of cases of infectious disease.

**(c) Nursing in the Home.**

The Dewsbury Nursing Association provides for the home nursing needs of the town.

**(d) TREATMENT CENTRES AND CLINICS.**

The following is a list of Treatment Centres and Clinics in the Borough :—

	Place	Time
Child Welfare	Ravensthorpe Council Offices Health Dept., Municipal Buildings, Halifax Road } Thornhill Council Offices Earlsheaton Council Offices	Monday, 2 p.m. Wednesday, 2 p.m. Saturday, 10 a.m. Thursday, 2 p.m. Tuesday, 2 p.m.
Ante- and Post-Natal Clinics	Moorlands Maternity Home	Monday, 10.30 a.m.- 2 p.m. Tuesday, 2 p.m. Thursday, 2 p.m.
CLINICS—		
Minor Ailments	School Clinic, Halifax Road	Daily
Special Inspection	do.	By Appointment
Dental	do.	Daily
Dental	Ravensthorpe Council Offices	Daily
Diphtheria Immunization *	School Clinic, Halifax Road	By Appointment.
Tuberculosis	Northfields House, Bath Street	Monday, 6 p.m. Friday, 2 p.m.
Venereal Diseases	Dewsbury General Infirmary	Monday, 2 p.m. Thursday, 7 p.m. Every morning and evening
Orthopaedic Clinic	Dewsbury General Infirmary	3 p.m. Second Tues- day in the month
Consultant Ophthalmic Clinic	School Clinic, Halifax Road	Every other week by appointment.

\*Immunization is also provided free at the Child Welfare Centres.

**2. (i) Administration of Institutional Services.****(a) DEWSBURY AND DISTRICT GENERAL INFIRMARY.**

This is a Voluntary Hospital which normally contains 100 beds. It is classed as a Grade 1A Hospital under the Ministry of Health's Emergency Hospital Scheme, and in a grave emergency could accommodate 180 patients.



*(b)* STAINCLIFFE COUNTY HOSPITAL.

This Hospital is administered by the West Riding County Council and is classed as Grade 1A in the Ministry of Health's Emergency Hospital Scheme. Normally it contains 349 beds, but in an emergency a much larger number of patients could be admitted. During the year 16 Maternity patients were admitted.

*(c)* MITCHELL LAITHES INFECTIOUS DISEASES HOSPITAL.

This Hospital contains 102 beds, is controlled by the Dewsbury Joint Hospital Board, and the Medical Services are provided by the Medical Staff of the Public Health Service.

*(d)* WHITLEY SANATORIUM.

This Sanatorium contains 32 beds. During the year 40 patients were admitted and 31 discharged.

*(e)* MOORLANDS MATERNITY HOME.

This institution contains 27 beds and it has been filled to capacity during the year. It is approved by Central Midwives Board for training in Part VI of the Board's Regulations.

*(ii)* **Poor Law Medical Out-Relief.**

This work is carried out by the Social Welfare Department.

*(iii)* **Institutional Provision of the Care of Mental Defectives.**

At the end of 1943, 59 Mental Defectives were being maintained in Institutions. Of these, 56 were at St. Catherine's Institution, Doncaster, one at Etloe House, Essex, one at Monckton Hall, Jarrow, and one at Allerton Priory School, Liverpool. In addition 5 patients were on Licence leave, and 2 in Rampton State Institution.

There were 17 cases under Guardianship, of whom 16 were with Guardians who were relatives.

There were 28 cases (19 males, 9 females) under Statutory Supervision.

3. **MATERNITY AND CHILD WELFARE.***(i)* **Midwifery Service.—Domicilliary Midwifery.**

The four Municipal Midwives attended 267 cases during the year ; further particulars as follows :—

No. of Cases making application	...	...	...	380
No. of Cases booked	...	...	...	380
No. of Cases attended	...	...	...	267
No. sent to Hospital	...	...	...	10

The Midwives are under the direct supervision of the Matron of the Maternity Home.

(ii) **MATERNITY SERVICES.****Ante-Natal Clinics.**

Four Clinics are held weekly at the Moorlands Maternity Home. A Consultant Obstetrician attends weekly, and is called at other times for emergencies. There is a Residential Medical Officer.

The number of women who attended these Clinics during the year was 949.

**Post-Natal Clinic.**

This Clinic is held in conjunction with the Ante-Natal Clinic. During the year 55 patients attended.

It is hoped to develop a separate Post-Natal Clinic in due course.

**Birth Control Clinic.**

This Clinic is run in connection with the Ante-Natal Clinics, and during the year 5 patients attended, making 15 visits, for advice.

**Infant Welfare Centres.**

Attendances at Infant Welfare Centres were as follows :—

	Dewsbury		Thornhill		Earls-heaton		Ravens-thorpe		Total	
	1942	1943	1942	1943	1942	1943	1942	1943	1942	1943
Clinic Attendances...	6812	12314	8871	7399	8781	7301	10597	8242	35061	34896
Primary Attendances...	245	236	183	178	183	176	223	179	834	769
Cases seen by Medical Officer	1572	1007	1149	888	1039	911	1008	703	4768	3509

The amount of Milk Foods distributed at these Centres was 37,848 lbs. The total cost was £3,118 of which the parents paid £3,068.

**Vitamins.**

Fruit Juices and Cod Liver Oil are distributed through the Child Welfare Clinics in accordance with the Ministry of Health Circular dated 14th March, 1942.

No free issues are now available, but mothers may obtain it as follows :—

Cod Liver Oil	...	...	...	...10d. per bottle.
Orange Juice	...	...	...	... 5d. per bottle.



### (iii) INSTITUTIONAL PROVISION FOR MOTHERS AND CHILDREN.

The work of the Moorlands Maternity Home is shown in the following Tables :—

#### Work of Moorlands Maternity Home in 1943.

Number of beds up to 31st December, 1943	...	...	27
Number of mothers confined	...	...	748
Average duration of stay (in days)	...	...	14.0
No. of cases delivered by (a) midwives	...	...	726
(b) doctors	...	...	22
No. of cases in which medical assistance sought by midwives in emergency	...	...	6
No. of cases of Puerperal Fever	...	...	—
No. of cases of Puerperal Pyrexia	...	...	—
No. of cases of Pemphigus Neonatorum	...	...	—
No. of infants not entirely breast fed	...	...	66
No. of cases of Ophthalmia Neonatorum	...	...	1
No. of maternal deaths	...	...	—
No. of infant deaths (a) stillborn	...	...	32
(b) within 10 days of birth	...	...	17

#### Work of Moorlands Maternity Home, 1926-1943.

	No. of Births in Maternity Home	No. of Births in Dewsbury	Proportion of Dewsbury Births occurring in Maternity Home
1926	217	910	23.8%
1927	178	870	20.0%
1928	192	860	22.0%
1929	198	813	24.3%
1930	236	872	27.0%
1931	245	743	33.0%
1932	260	790	33.0%
1933	277	812	34.1%
1934	295	776	38.0%
1935	303	815	37.2%
1936	291	833	34.9%
1937	299	841	35.3%
1938	299	753	39.7%
1939	290	795	36.4%
1940	501	787	63.7%
1941	605	775	78.1%
1942	756	848	89.0%
1943	748	891	83.9%

#### Day Nurseries.

There are four War-time Day Nurseries in the Borough, two being opened during the year—one at Earlsheaton on the 2nd June and one at Thornhill on the 5th May.

Day Nurseries are no novelty to this Borough, where the Dewsbury Day Nursery has been run on a voluntary basis since 1913. Together with three other additional Nurseries, all now under the Ministry of Health Scheme, over an average of 100 children are taken care of each day. The provision and administration of these Nurseries has been one of our major tasks. In the writer's opinion the nurseries have come to stay. Extremists would provide nurseries for all children; while others regard them as interfering with family life.

In peace time it is visualized that nurseries will free a mother from the care of her child for a half or a whole day while she is busy shopping or taking some form of recreation.

Generally, the health of a child benefits by attendance at a nursery, and training in elementary hygiene is carried back to the home.

#### (iv) Health Visitors.

The four Health Visitors paid 270 visits to expectant and nursing mothers; 5,034 visits to children under one year of age; and 8,328 visits to children between one and five years of age; making a total of 13,632 visits.

#### Work of the Health Visitors.

##### TOTAL VISITS IN WARDS.

	Trinity North and South Wards.	Thornhill North and South Wards.	Earlsheaton and All Saints' Wards.	Ravensthorpe and St. John's E. & W. Wards.	TOTALS.
Births, 1st Visits	154	207	186	318	865
Births, Re-visits under one year	946	1078	1052	1093	4169
Ante-Natal Visits ...	64	63	59	84	270
Visits to Children 1—5 years ...	1964	1797	2062	2505	8328
	3128	3145	3359	4000	13632

##### SPECIAL VISITS IN WARDS.

Still Birth Visits ...	9	12	11	12	44
Ophthalmia Visits	6	—	—	—	6
	15	12	11	12	50

**(v) Child-Life Protection.**

The Health Visitors act as Child-Life Protection Visitors, and at the end of the year, 3 persons were receiving 17 children.

	Trinity North and South Wards.	Thornhill North and South Wards.	Earlsheaton and All Saints' Wards.	Ravensthorpe and St. John's E. & W. Wards.	TOTAL.
Infant Life Protection Visits ...	12	16	38	21	87

**(vi) Arrangements for Dental, Orthopaedic, etc., Cases.****Dental Treatment.**

Dental Treatment is carried out by the School Dental Surgeon, at the School Clinic, by arrangement with the Education Committee. During the year 130 mothers received treatment and were provided with dentures.

**Orthopaedic Treatment.**

During the year 12 children suffering from Orthopaedic Defects were referred to the Dewsbury and District General Infirmary from the Infant Welfare Centres.

**4. NURSING HOMES.**

There are none registered or known to exist in the County Borough of Dewsbury.

## SECTION C.

### SANITARY CIRCUMSTANCES OF THE AREA.

#### WATER.

1. (i) Supplied by the Dewsbury and Heckmondwike Waterworks Board, it is obtained mainly from their works at Dunford Bridge; but supplies are also received from the Halifax and Bradford Corporations.

The Water-supply is examined regularly, both bacteriologically and chemically, by independent Analysts. Samples are included from actual consumer's taps.

The following Table gives a Summary of Analyses :—

Total Number of Analyses : 257.

Of these, 237 were highly satisfactory.

7 were satisfactory.

12 were suspicious.

1 was unsatisfactory.

The estimated rate of consumption for domestic purposes in 1943 was 20.8 gallons per head and for trade purposes 18.6 gallons per head, making a total of 39.4 gallons per head.

#### (ii) **DRAINAGE and SEWERAGE.**

The main Sewerage Works are situated at Mitchell Laithes. There is also a modern Sewerage Works at Ravensthorpe. Two small Works, one adjacent to Smithy Brook for Thornhill Edge, Briestfield, and Whitley, and one at Millbank deals with the Sewage from Thornhill.

#### 2. **RIVERS and STREAMS.**

The West Riding of Yorkshire Rivers Board is responsible for preventing pollution of the River Calder and its tributaries.

The River Calder and its tributaries receive along their entire length effluents from an almost unbroken chain of Sewage Works and Manufactories. The problem of preventing pollution is complicated owing to the small normal flow in proportion to the volume of effluents which is discharged into the river. At Kirkthorpe Weir, Wakefield, the dry water flow of the River Calder is only about 95 million gallons a day. Of this flow,

one-third can easily be accounted for by effluents from Sewage Works. In addition, there are millions of gallons of trade effluents, so that the amount of used water in the river is at least 50%. If it were not for the compensation water from reservoirs there would be little clean dilution water reaching the river during droughts. The Board gives facilities to manufacturers, particularly in respect of new industries which give rise to waste liquids requiring special treatment. The Board is of the opinion that the most efficient and economical means of dealing with trade effluents is by draining them into the sewers for treatment at the Sewage Works of the local authorities.

### 3. **SWIMMING BATHS and POOLS.**

There are two Swimming Baths owned by the Corporation, and situated in Wellington Road, Dewsbury.

In addition there is a Turkish Bath where general remedial treatment is given, also Zoto-Foam and Peate are given.

The water in the two swimming baths is sterilized and filtered through pumping plants, and 105,000 gallons of water pass through these plants every  $3\frac{1}{4}$  hours. During the process the water is treated with Liquid Chlorine of 0.5 parts per 1,000,000, which ensures a sterilized Bath.

## **SECTION F.**

### **PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES.**

#### **(1) The Prevalence of Notifiable Infectious Diseases (other than Tuberculosis.)**

Disease	Total cases Notified	Cases admitted to Hospital	Total Deaths
Smallpox ... ..	—	—	—
Scarlet Fever ... .	258	232	—
Diphtheria ... ..	69	68	3
Enteric Fever (including Paratyphoid) ...	2	1	—
Puerperal Pyrexia ...	4	1	—
Pneumonia ... ..	24	2	43
Cerebro Spinal Fever ...	12	8	2
Erysipelas ... ..	6	4	—
Ophthalmia Neonatorum	5	1	—
Whooping Cough ...	59	—	—
Measles ... ..	286	—	1
Dysentery ... ..	24	2	—
Total ...	749	319	49



Notifiable Diseases. Showing Age Groups.

Disease.	AGES.												Total No. of Cases
	Under 1 year	1 to 2 years	2 to 3 years	3 to 4 years	4 to 5 years	5 to 10 years	10 to 15 years	15 to 20 years	20 to 35 years	35 to 45 years	45 to 65 years	65 and upwards	
Smallpox ... ..	—	—	—	—	—	—	—	—	—	—	—	—	—
Cerebro Spinal Fever ... ..	2	3	—	—	1	2	—	1	1	—	2	—	12
Scarlet Fever ... ..	—	3	5	15	18	133	49	19	12	3	1	—	258
Diphtheria ... ..	—	—	1	6	5	18	21	7	8	3	—	—	69
Enteric Fever (inc. Paratyphoid)	—	—	—	—	—	—	—	1	—	1	—	—	2
Puerperal Fever ... ..	—	—	—	—	—	—	—	—	4	—	—	—	4
Pneumonia ... ..	1	2	1	1	2	5	—	—	2	3	6	1	24
Erysipelas ... ..	—	—	—	—	—	—	—	—	3	1	1	1	6
Ophthalmia Neonatorum ... ..	5	—	—	—	—	—	—	—	—	—	—	—	5
Whooping Cough ... ..	4	9	7	11	6	20	1	1	—	—	—	—	59
Measles ... ..	14	27	46	48	42	98	9	1	1	—	—	—	286
Dysentery ... ..	—	—	—	—	—	1	—	—	2	—	3	18	24
Totals ... ..	26	44	60	81	74	277	80	30	33	11	13	20	749

Details of the Notification of Infectious Diseases during the twelve months of the year.

Disease	Jan.	Feb.	Mar.	Apl.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Smallpox ... ..	—	—	—	—	—	—	—	—	—	—	—	—	—
Cerebro Spinal Fever ... ..	1	2	—	3	2	—	1	1	—	—	1	1	12
Scarlet Fever ... ..	35	21	24	10	25	20	24	14	26	25	20	14	258
Diphtheria ... ..	3	3	2	7	2	10	6	4	5	3	14	10	69
Enteric Fever (including Paratyphoid)	—	—	—	—	—	—	—	—	—	—	1	1	2
Puerperal Pyrexia ... ..	—	—	—	1	—	—	1	—	1	1	—	—	4
Pneumonia ... ..	1	9	1	3	3	—	2	—	2	—	2	1	24
Erysipelas... ..	1	1	—	—	2	—	—	1	—	—	1	—	6
Ophthalmia Neonatorum ... ..	—	2	—	—	1	1	—	—	—	1	—	—	5
Whooping Cough... ..	3	—	3	10	14	5	4	2	4	2	11	1	59
Measles ... ..	126	82	46	12	16	1	—	—	—	—	3	—	286
Dysentery... ..	—	—	—	21	—	—	—	—	—	—	3	—	24
Totals ... ..	170	120	76	67	65	37	38	22	38	32	56	28	749

### Diphtheria.

69 cases were notified as against 37 in 1942. There were 3 deaths from this disease, giving a case mortality of 43.47 per 1,000. There were no deaths among children who had been immunized.

68 of the cases were removed to the Isolation Hospital.

### Diphtheria Immunization.

The total number of children immunized during the year was 1,675; of these, 417 were between 0 and 5 years, and 1,258 between 5 and 15 years.

It is estimated that number of children in the Borough immunized is 50% of those between 0 and 5 years, and 60% of those between 5 and 15 years.

The number of immunizations carried out during the last 12 years are as follows:—

1932	...	...	...	...	...	1651
1933	...	...	...	...	...	56
1934	...	...	...	...	...	310
1935	...	...	...	...	...	77
1936	...	...	...	...	...	10
1937	...	...	...	...	...	76
1938	...	...	...	...	...	26
1939	...	...	...	...	...	19
1940	...	...	...	...	...	1680
1941	...	...	...	...	...	1865
1942	...	...	...	...	...	1350
1943	...	...	...	...	...	1675

### Analysis of Cases Notified as Diphtheria.

Clinical Cases	Non-Clinical Cases Carriers, etc.	Wrongly Diagnosed as Diphtheria	Total
55	8	6	69

Of the 55 clinical cases, 16 gave a history of immunization, but it has only been possible to confirm the record of immunization in 11 cases. 2 of these 11 had been immunized for a period less than 3 months previous to the occurrence of Diphtheria.

Least it be said that here is proof that immunization has not proved effective in at least 9 cases, the writer would draw the reader's attention to what is claimed. Immunization will not always prevent the occurrence of Diphtheria—it depends upon dosage, etc.—but immunization will modify the course of one of the most deadly diseases of childhood, and render its killing powers negligible.



NOTE.—The process of active immunization consists of 2 small injections, with an interval of as much as 4 weeks in between. A period of up to 6 months must elapse before full protection is reached.

## 2. **CANCER.**

No. of Deaths from Cancer during 1943	...	95
Rate per 1,000	... ..	1.99

Deaths from Cancer in Age Periods :—

	M.	F.	Total
Under 15 years	—	—	—
15 to 45 years	1	6	7
45 to 65 years	18	23	41
Over 65 years	25	22	47
	44	51	95

## **Treatment.**

Cases requiring X-Ray, Therapy or Radium Treatment are transferred from local Hospitals to the Leeds General Infirmary.

## 3 and 4. **TUBERCULOSIS.**

### **New Cases and Mortality during 1943.**

Age Periods	New Cases.					Deaths				
	Respiratory		Non-Respiratory		Total	Respiratory		Non-Respiratory		Total
	M.	F.	M.	F.		M.	F.	M.	F.	
0—	—	—	—	—	—	—	—	—	1	1
1—	—	—	1	2	3	—	—	1	1	2
5—	—	—	3	—	3	—	—	1	1	2
15—	5	7	2	2	16	5	7	2	2	16
25—	6	4	—	1	11	—	—	—	—	—
35—	6	5	3	2	16	—	—	—	—	—
45—	2	2	2	1	7	3	3	1	1	8
55—	1	1	—	—	2	—	—	—	—	—
65 upwards	—	—	—	—	—	2	—	—	—	2
1943	20	19	11	8	58	10	10	5	6	31

Mortality 0.65 per 1,000 of population. England and Wales not available.

**Sanatorium** (32 beds).

Patients in Hospital at beginning of year	...	...	21
Patients admitted during the year	...	...	40
Patients discharged	...	...	31
Patients in Hospital at end of year	...	...	18

**Dispensary.**

New Cases 95. Contacts 22. Old Cases 764. Total Attendances 881.

**Home Visits.**

	New Cases	Old Cases	Total
Medical Officer	4	4	8
Nurse	39	1473	1512
	43	1477	1520

**MAINTENANCE ALLOWANCES UNDER MEMORANDUM****266/T.**

State allowances for patients suffering from Pulmonary Tuberculosis, and their dependants, introduced by the Minister of Health with the object of securing the maximum man-power for industry, were started on September 3rd, 1943.

Patients can now start treatment without delay and with the knowledge that provision is made for dependants.

At the end of the year some 24 cases were receiving allowances, amounting in all to approximately £33 0 9 per week.

Administration of the Scheme is far from simple, and the problem of deciding whether a patient may resume remunerative work gives rise to many difficulties, both from a medical viewpoint, and from the patient's reaction.

As stated above only cases of Pulmonary Tuberculosis are eligible and chronic cases cannot benefit.

The ever-growing snowball of clerical work in this department has been considerably increased by the weekly calculations involved.

**Venereal Diseases.**

Treatment of this disease is carried out at the Dewsbury General Infirmary on behalf of the Dewsbury Corporation in conjunction with the West Riding County Council.

Particulars of the treatment and the number of cases, are given in the following table :—

## Venereal Diseases.

RETURN RELATING TO ALL PERSONS WHO WERE TREATED AT THE TREATMENT CENTRE AT DEWSBURY DURING THE YEAR ENDED THE 31ST DECEMBER, 1943.

[illegible]

	Syphilis		Soft Chancre		Gonorrhoea		Conditions other than Venereal		TOTAL	
	M	F	M	F	M	F	M	F	M	F
7. Number of cases which ceased to attend after completion of treatment but before final tests of cure ...	...	...	...	...	2	...	...	...	2	...
8. Number of cases transferred to other centres or to institutions, or to care of private practitioners ...	19	4	...	...	4	3	3	...	26	7
9. Number of cases remaining under treatment or observation on 31st December ...	67	62	...	...	25	19	3	6	95	87
<b>TOTALS OF ITEMS 5, 6, 7, 8 and 9</b>	<b>91</b>	<b>68</b>	<b>...</b>	<b>...</b>	<b>61</b>	<b>33</b>	<b>55</b>	<b>36</b>	<b>207</b>	<b>137</b>
10. Number of attendances :—										
(a) for individual attention of the medical officers ...	623	809	...	...	426	273	150	118	1199	1200
(b) for intermediate treatment, e.g., irrigation, dressing ...	48	...	...	...	666	343	155	49	869	392
<b>TOTAL ATTENDANCES ...</b>	<b>671</b>	<b>809</b>	<b>...</b>	<b>...</b>	<b>1092</b>	<b>616</b>	<b>305</b>	<b>167</b>	<b>2068</b>	<b>1592</b>
11. In-patients :—										
(a) Total number of persons admitted for treatment during the year ...	...	...	...	...	...	...	...	...	...	...
(b) Aggregate number of "in-patient days" of treatment given	...	...	...	...	...	...	...	...	...	...
	Under 1 year		1 and under 5 years		5 and under 15 years		15 years and over		Totals	
	M	F	M	F	M	F	M	F	M	F
12. Number of cases of congenital syphilis in Item 3 above classified according to age periods ...	...	...	...	...	...	...	...	2	...	2
	Microscopical				Cultural for Gonorrhoea		Serum Tests			
	For Syphilis		For Gonorrhoea				For Syphilis		For Gonorrhoea	
13. <b>Pathological Work :—</b>										
Number of specimens examined at and by the medical officer of the treatment centre ...			1		...		...		...	

STATEMENT SHOWING THE SERVICES RENDERED AT THE TREATMENT CENTRE  
DURING THE YEAR, CLASSIFIED ACCORDING TO THE AREAS IN WHICH THE  
PATIENTS RESIDED.

Name of County or County Borough (or Country in the case of persons residing elsewhere than in England and Wales) to be inserted in these headings.	Dewsbury	West Riding	Total
A. Number of cases in Item 3 from each area found to be suffering from :—			
Syphilis ... ..	7	13	20
Soft Chancre ... ..	...	...	...
Gonorrhoea ... ..	25	40	65
Conditions other than venereal ... ..	39	43	82
TOTAL ... ..	71	96	167
B. Total number of attendances of all patients residing in each area ... ..	1497	2163	3660

## REPORT OF THE CHIEF SANITARY INSPECTOR

on the work of the Sanitary Department for the year ending  
31st December, 1943.

Mr. Chairman, Mrs. Hinchliffe and Gentlemen,

I beg to submit my report on the work undertaken by the Sanitary Department in the year ending 31st December, 1943.

During the year the work has been done under very difficult conditions due to shortage of staff, there being only two District Inspectors compared with six pre-war.

### SANITARY INSPECTION OF THE DISTRICT.

#### Drainage.

All plans of new, additions, or alterations to, buildings submitted for approval to the Housing and Town Planning Committee are examined in this Department regarding the proposed drainage.

All new drains and alterations to existing drains are examined and tested by means of the smoke test, and details of Inspections and tests made during the year are given below :—

Length of 4 in. drain tested by smoke	...	...	...	...	150 ft.
Length of 6 in. drain tested by smoke	...	...	...	...	60 ft.
No. of inspections of drainage	...	...	...	...	49
„ smoke tests—New drains	...	...	...	...	24
„ smoke tests—Existing drains	...	...	...	...	11
„ colour tests supplied	...	...	...	...	33
„ drains reconstructed	...	...	...	...	1
„ other tests	...	...	...	...	2

#### Sanitary Accommodation.

##### Closets :

No. of inspections of w.c. accommodation	...	...	...	142
„ inspections of Privies and Pails	...	...	...	12

##### Ashbins :

No. of dustbins renewed	...	...	...	...	232
-------------------------	-----	-----	-----	-----	-----



## Sanitary Inspection of the District.

During the year 1943 the following inspections were made by Sanitary Inspectors to the premises detailed :—

Nature of Inspection.	Primary Insp'n	Re-in- spection	Total Visits
Houses :			
Under Public Health Acts ... ..	635	513	1148
„ Housing Acts (Overcrowding) ... ..	18	—	18
Re Ashes Accommodation ... ..	156	227	383
Re Accumulations ... ..	10	—	10
Re Cellars Flooding ... ..	27	9	36
Re Vermin ... ..	104	86	190
Re Rats and Mice ... ..	104	52	156
Re Water Supply ... ..	14	3	17
Re Yards, Courts, &c. ... ..	12	—	12
Visits to :			
Common Lodging Houses ... ..	1	—	1
Schools ... ..	16	3	19
Cinemas ... ..	6	—	6
Tents, Vans, Sheds ... ..	1	—	1
Piggeries ... ..	139	—	139
Urinals ... ..	33	—	33
Street Gullies and Sewers ... ..	19	—	19
Re Drainage ... ..	49	—	49
To Slaughterhouses ... ..	390	—	390
Markets... ..	224	—	224
Markets—Meat Stalls ... ..	51	—	51
Markets—Other Stalls ... ..	150	—	150
Meat Shops ... ..	39	1	40
Food Preparing Premises ... ..	38	1	39
General Food Premises ... ..	114	—	114
Fried Fish Shops ... ..	16	—	16
Bakehouses ... ..	27	2	29
Milkshops and Dairies ... ..	151	5	156
Cowsheds ... ..	169	8	177
Offensive Trades ... ..	2	—	2
Factories ... ..	33	3	36
Stable Premises ... ..	142	—	142
Air Rair Shelters ... ..	23	—	23
Cesspools ... ..	2	—	2
Animals and Birds ... ..	2	—	2
Refuse Tips ... ..	37	2	39
Re Pharmacy and Poisons ... ..	43	—	43
Merchandise Marks Act ... ..	20	—	20
Shops Acts ... ..	15	2	17
Smoke Observations ... ..	2	—	2
Visits re Infectious Disease ... ..	325	—	325
Miscellaneous ... ..	552	—	552
Visits re Closets—Water ... ..	142	—	142
„ Pails and Privies ... ..	12	—	12
Interviews (Owners, etc.) ... ..	274	—	274
Visits for Food & Drugs Sampling (Formal) ... ..	179	—	179
„ „ „ „ (Informal) ... ..	43	—	43
„ Rag Flock Sampling ... ..	4	—	4
„ Fertiliser and Feeding Stuffs ... ..	17	—	17
„ Water Sampling ... ..	2	—	2





**Smoke Abatement.**

The Council continued their membership of the West Riding of Yorkshire Regional Smoke Abatement Committee, Alderman H. Shaw being the representative of this Corporation.

Number of Smoke Observations taken ... 2.

The limit of black smoke allowable, prescribed in the Bye-laws, is 3 minutes in the aggregate in the half-hour observation.

**TOTAL SMOKE EMITTED IN MINUTES.**

No. of Observations	Black	Moderate	Little or None.
2	3½	50½	6

**Meteorological Report, 1943.****OBSERVATIONS AT CROW NEST PARK.**

				Rainfall inches	Sunshine	
					Hours	Minutes
January	...	...	...	3·61	22	30
February	...	...	...	1·21	50	10
March	...	...	...	·69	81	40
April	...	...	...	1·39	115	40
May	...	...	...	2·49	184	20
June	...	...	...	2·37	128	—
July	...	...	...	1·41	129	20
August	...	...	...	2·46	69	—
September	...	...	...	3·30	70	20
October	...	...	...	2·17	40	—
November	...	...	...	1·87	23	—
December	...	...	...	1·31	10	—
				<hr/> 24·28	<hr/> 924	<hr/> —
				<hr/>	<hr/>	<hr/>

**Atmospheric Pollution**  
**Record of Observation with Deposit Gauges for the Year 1943.**

Month	Gauge Situate at Dewsbury (Municipal Buildings)		Gauge Situate at Savile Town (Gas Works)		Gauge Situate at Whitley		Gauge Situate at Ravensthorpe	
	M.	E.	M.	E.	M.	E.	M.	E.
January	1,020	26.00	1,081	27.53	886	22.59	628	16.01
February	600	15.30	552	14.02	478	12.19	444	11.32
March	643	16.41	*	*	893	22.64	*	*
April	638	16.26	1,007	25.67	597	15.21	808	20.58
May	727	18.54	1,186	30.21	763	19.41	1,475	37.56
June	471	12.02	228	5.82	440	11.21	380	9.68
July	739	18.82	1,284	32.74	660	16.84	548	13.98
August	645	16.44	647	16.50	208	5.32	551	14.04
September	666	16.84	719	18.32	373	9.52	943	24.03
October	1,322	33.72	757	19.30	453	11.55	881	22.44
November	545	13.88	689	17.56	363	9.25	683	17.66
December	918	23.42	446	11.36	308	7.86	658	16.76
	8,934	227.65	8,596	219.03	6,422	163.59	8,009	204.06
	Average per month 744	18.97	Average per month 781	19.91	Average per month 535	13.63	Average per month 728	18.55

\*Contents of guage contaminated with a considerable amount of iron rust,  
estimation of undissolved matter not carried out.

**Eradication of Bed Bugs.**

No. of visits made by Sanitary Inspectors re Vermin	190
No. of articles disinfested ... ..	1500
No. of houses disinfested ... ..	30

**Disinfection after Infectious Diseases.**

No. of visits to investigate cases of infectious disease	325
No. of houses disinfested after cases of infectious disease	327
No. of rooms           "       "       "       "       "       "	736
No. of articles       "       "       "       "       "       "	12928
No. of library books       "       "       "       "       "	110
No. of visits in connection with above ... ..	750

In all cases the bedding is collected by the Sanitary Department staff and steam disinfested.

**Rag Flock Acts, 1911-28.**

Two samples have been taken during the year at premises where Rag Flock is manufactured, with the following results:—

Sample		Chlorine as Soluble Chlorides.			
No.		Allowed.		Found.	
1	...	30 parts per 100,000	...	18 parts per 100,000	
2	...	"   "   "   "   "	...	14   "   "   "	

**Fertilisers and Feeding Stuffs Act.**

No. of samples of Feeding Stuffs taken during year	...	—
"       "       Fertilisers       "       "       "	...	10

Sample	Satisfactory		Unsatisfactory		Total
Sulphate of Ammonia ...	—	...	1	...	1
Bone Meal ... ..	1	...	—	...	1
Superphosphate of Lime ...	1	...	—	...	1
Muriate of Potash ... ..	—	...	1	...	1
P.P. Plus ... ..	1	...	—	...	1
(Veg-Vita) Fertiliser ... ..	1	...	—	...	1
Kalime ... ..	1	...	—	...	1
I.T.P. Vegicrop ... ..	1	...	—	...	1
Cuthbert's Concentrated Vegetable Vitaliser ... ..	1	...	—	...	1
Angro-Organic Fertiliser ...	1	...	—	...	1
	—		—		—
	8		2		10
	—		—		—

**Pharmacy and Poisons Act.**

No. of Registered Premises ... ..	51
No. of Inspections of Registered Premises ... ..	43

**Offensive Trades.**

No. of Inspections made	...	...	...	...	...	2
-------------------------	-----	-----	-----	-----	-----	---

**Rats and Mice (Destruction) Act.**

No. of Inspections of rat infested premises	...	...	...	...	104
No. of Re-Inspections	„	„	„	„	52

**Common Lodging Houses.**

No. of Inspections made	...	...	...	...	1
-------------------------	-----	-----	-----	-----	---

**Factories Act, 1937.**

No. of primary inspections of Factories—Non-mechanical	1
—Mechanical	1

**Schools.**

No. of Inspections made	...	...	...	...	16
No. of Re-Inspections made	...	...	...	...	3

**Housing Statistics.****1.—Inspections of Dwelling-houses during the Year :—**

(1) (a) Total number of dwelling-houses inspected for defects (under Public Health or Housing Acts)	...	...	635
(b) Number of inspections made for the purpose	...	...	1166
(2) (a) Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925	...	...	Nil.
(b) Number of inspections made for the purpose	...	...	Nil.
(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	...	...	Nil.
(4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	...	...	297

**2.—Remedy of Defects during the Year without service of formal Notices :—**

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their Officers	166
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**3.—Action under Statutory Powers during the Year :—**

(a) Proceedings under sections 9, 10 and 16 of the Housing Act, 1936 :	
(1) Number of dwelling-houses in respect of which notices were served requiring repairs	Nil.
(2) Number of dwelling-houses which were rendered fit after service of formal notices :—	
(a) By owners	Nil.
(b) By Local Authority in default of owners	Nil.
(b) Proceedings under Public Health Acts :	
(1) Number of dwelling-houses in respect of which notices were served requiring repairs	7
(2) Number of dwelling-houses which were rendered fit after service of formal notices :—	
(a) By owners	4
(b) By Local Authority in default of owners	Nil.
(c) Proceedings under sections 11 and 13 of the Housing Act, 1936 :	
(1) Number of dwelling-houses in respect of which Demolition Orders were made	Nil.

(2)	Number of dwelling-houses demolished in pursuance of Demolition Orders ... ..	Nil.
(3)	Number of Houses for which undertakings were submitted and accepted by Council ... ..	Nil.
(4)	Number of Houses made fit on undertakings accepted by Council ... ..	Nil.
(d)	Proceedings under section 12 of the Housing Act, 1936 :	
(1)	Number of separate tenements or underground rooms in respect of which Closing Orders were made ... ..	Nil.
(2)	Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit ... ..	Nil.
	4.—Housing Act, 1936.—Overcrowding :—	
(a)	(1) Number of dwellings overcrowded at the end of the year	254
	(2) Number of families dwelling therein ... ..	266
	(3) Number of persons dwelling therein ... ..	1489
(b)	Number of new cases of overcrowding reported during the year ... ..	10
(c)	(1) Number of cases of overcrowding relieved during the year...	2
	(2) Number of persons concerned in such cases ... ..	23
(d)	Particulars of any cases in which dwellinghouses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding ... ..	Nil.
(e)	Temporary overcrowding Licences granted ... ..	6

## INSPECTION AND SUPERVISION OF FOOD.

### Milk Supply.

No. of Retail Purveyors	...	...	...	...	189
" „ Dairy Premises	...	...	...	...	73
" „ Producers and Cowkeepers	...	...	...	...	49
" „ Cowsheds	...	...	...	...	82
" „ inspections of cowsheds	...	...	...	...	177
" „ inspections of milkshops and dairies	...	...	...	...	156
" „ contraventions noted	...	...	...	...	8
" „ contraventions remedied	...	...	...	...	10

### Examination of Milk.

Sixty samples of milk were submitted to the Bacteriologist and subjected to the Methylene Blue Test.

Designation	Satisf'y	Not Satisf'y	Total
Ordinary ... ..	17	2	19
Accredited ... ..	24	5	29
Tuberculin Tested ... ..	7	5	12
	<hr/> 48	<hr/> 12	<hr/> 60
	<hr/>	<hr/>	<hr/>



Seventeen samples of Pasteurised milk were submitted to the Plate Count Test. Eight were satisfactory and nine not satisfactory.

Fifteen samples of Pasteurised milk were submitted to the Phosphatase Test and ten were satisfactory and five not satisfactory.

The standard laid down in the Milk (Special Designations) Order, 1936 and 1938, for Pasteurised milk is that the milk must not contain more than 100,000 bacteria per millilitre.

5 of the samples contained less than 25,000 bacteria per millilitre.

3 of the samples contained between 25,000 and 50,000 per millilitre.

9 of the samples contained over 100,000 bacteria per millilitre.

Ten samples of milk were submitted to biological examination for B. Tuberculosis.

Designation					No. Submitted.	Negative
Ordinary	...	...	...	...	7	7
Pasteurised	...	...	...	...	3	3
					<hr/> 10	<hr/> 10
					<hr/> <hr/>	<hr/> <hr/>

#### **Milk (Special Designations) Orders, 1936-41.**

The number of licences held at 31st December, 1943, were :—  
Tuberculin Tested—

Licence to produce and bottle	...	...	...	...	1
Licence to bottle and sell	...	...	...	...	1
Licence to sell	...	...	...	...	3
Supplementary licence to sell	...	...	...	...	2

Accredited—

Licence to produce and bottle	...	...	...	...	3
Licence to produce	...	...	...	...	6

Pasteurised—

Licence to pasteurise, bottle and sell	...	...	...	...	3
Supplementary Licence to sell	...	...	...	...	2

#### **Meat.**

Number of visits made to slaughterhouses ... 390

Number of Licences to slaughter animals—

(a) Issued during 1943	...	...	...	...	7
(b) Total issued up to 31st December, 1943	...	...	...	...	78

The weight of meat condemned is given as under—

Meat Condemned	tons	cwts.	qrs.	lbs.
Weight of Beef ...	—	—	2	20
Weight of Beef Offal ...	—	—	3	27
Weight of Pork ...	1	1	2	21
Weight of Pork Offal ...	—	7	2	24
	1	11	—	6

Number of inspections of Meat Shops and Stalls made was 91.

Particulars of other food surrendered as unfit for food—

TINNED FOOD—

Vegetables ...	...	231 tins
Fruit and Jam ...	...	151 „
Fish ...	...	99 „
Meat ...	...	119 „
Milk and Cream ...	...	566 „
		1166 „

FRESH FOOD—

Sprouts ...	...	149 nets
Potatoes ...	...	100 sacks
Seed Potatoes ...	...	111 lbs.
Slab Cake ...	...	11 „
Sausages ...	...	1½ „
Custard Powder ...	...	38 „
Bacon ...	...	134 „
Ham ...	...	71½ „
Prunes ...	...	7 „
Cheese ...	...	33 „
Onions ...	...	141 „
Biscuits ...	...	3 „
Fish Cakes ...	...	328 doz.
Pies ...	...	51
Cockles ...	...	12 bags
Rabbits ...	...	46
Crumpets ...	...	163 doz.
Coffee ...	...	2 jars

**Markets.**

No. of visits made to market ... 224

**General Food Premises.**

Number of visits to General Food Premises ...	...	114
„ „ Fried Fish Shops ...	...	16
„ „ Bakehouses ...	...	29
„ „ Food Preparing Premises ...	...	39
„ „ Meat Shops ...	...	40
		238

**Samples of Food and Drugs sent to the Public Analyst for Examination  
during the Year 1943.**

Article	Samples Taken	Informal		Formal		Total	
		Genuine	Adult'd	Genuine	Adult'd	Genuine	Adult'd
Milk ... ..	153	7	—	134	12	141	12
Other Food and Drugs—							
Beef Extract ... ..	1	1	—	—	—	1	—
Black Pepper ... ..	1	1	—	—	—	1	—
Baking Powder ... ..	1	1	—	—	—	1	—
Brojulax ... ..	1	1	—	—	—	1	—
Bi-Carbonate of Soda ... ..	1	1	—	—	—	1	—
Bronchial Pills ... ..	1	1	—	—	—	1	—
Butter ... ..	3	—	—	3	—	3	—
Bronchial Mixture ... ..	1	1	—	—	—	1	—
Boric Ointment ... ..	1	1	—	—	—	1	—
Blood Cherries ... ..	1	1	—	—	—	1	—
Children's Tonic ... ..	2	—	1	—	1	—	2
Cod Liver Oil Emulsion and Chemical Food ... ..	1	1	—	—	—	1	—
Custard Powder (sweetened) ... ..	1	1	—	—	—	1	—
Castor Oil ... ..	1	1	—	—	—	1	—
Cake Mixture (sweetened) ... ..	1	1	—	—	—	1	—
Chest and Lung Mixture ... ..	1	1	—	—	—	1	—
Cocoa ... ..	1	1	—	—	—	1	—
Cakeflour ... ..	1	1	—	—	—	1	—
Custard Pudding ... ..	2	1	1	—	—	1	1
Chocolate Pudding Mixture ... ..	2	2	—	—	—	2	—
Cough Cure ... ..	1	1	—	—	—	1	—
Chlorophyll Pills ... ..	1	1	—	—	—	1	—
Dandelion Coffee ... ..	1	1	—	—	—	1	—
Dessert Mould ... ..	1	1	—	—	—	1	—
Epsom Salts ... ..	1	1	—	—	—	1	—
Egg Substitute Powder ... ..	5	4	1	—	—	4	1
Essence of Rennet ... ..	1	1	—	—	—	1	—
Fruit Flavour Junket Powder ... ..	3	3	—	—	—	3	—
Frizets ... ..	1	1	—	—	—	1	—
Fruitella Sauce ... ..	1	1	—	—	—	1	—
Forcemeat Stuffing ... ..	2	2	—	—	—	2	—
Ginger Steamed Pudding ... ..	1	1	—	—	—	1	—
Gravy Salt ... ..	1	1	—	—	—	1	—
Granulated Gravy ... ..	1	1	—	—	—	1	—
Ground Ginger ... ..	1	1	—	—	—	1	—
Green Peppermint ... ..	1	—	—	1	—	1	—
Ginger Wine Essence ... ..	1	1	—	—	—	1	—
Holloway Pills ... ..	1	1	—	—	—	1	—
Indian Brandee ... ..	1	1	—	—	—	1	—
Kruschen Salts ... ..	1	1	—	—	—	1	—
Lemon Flavour ... ..	1	1	—	—	—	1	—
Lemon Essence ... ..	2	2	—	—	—	2	—
Lemon Curd Fruit Flavouring ... ..	2	—	1	—	1	—	2
Lemon, Ipecacuana Mixture ... ..	1	1	—	—	—	1	—
Lard ... ..	2	—	—	2	—	2	—
Liquorice and Menthol Tablets ... ..	1	1	—	—	—	1	—
Milk of Magnesia Tablets ... ..	1	1	—	—	—	1	—
Mixed Spice ... ..	1	1	—	—	—	1	—
Malt Vinegar ... ..	1	1	—	—	—	1	—
Margarine ... ..	1	—	—	1	—	1	—
Nukola Strength Wine ... ..	1	1	—	—	—	1	—
Neaves Food ... ..	1	—	1	—	—	—	1
Oxtail Soup ... ..	1	1	—	—	—	1	—
Onion Substitute Condiment ... ..	1	1	—	—	—	1	—
Protein Nerve Food ... ..	2	—	1	—	1	—	2
Pro-Sen Fluid Laxative ... ..	1	1	—	—	—	1	—
Pea Soup ... ..	1	1	—	—	—	1	—
Pea Flour ... ..	1	1	—	—	—	1	—
Powdered Gelatine ... ..	2	1	—	1	—	2	—
Rheumatic Pills ... ..	1	1	—	—	—	1	—
Strawberry Barley Pudding ... ..	1	1	—	—	—	1	—
Strength Tablets ... ..	1	1	—	—	—	1	—
Self Raising Flour ... ..	2	2	—	—	—	2	—
Throat and Lung Mixture ... ..	1	1	—	—	—	1	—
Table Cream ... ..	1	1	—	—	—	1	—
Tartaric Acid ... ..	1	1	—	—	—	1	—
Vinecta Tonic ... ..	1	1	—	—	—	1	—
Vanilla Essence ... ..	1	1	—	—	—	1	—
Whisky ... ..	4	—	—	4	—	4	—
Yorkshire Pudding Mixture ... ..	3	3	—	—	—	3	—
"Yestact" Extract ... ..	1	1	—	—	—	1	—
Zube Cough Cure ... ..	1	1	—	—	—	1	—
Totals—							
Milk ... ..	153	7	—	134	12	141	12
Other Food and Drugs ... ..	95	74	6	12	3	86	9
	248	81	6	146	15	227	21



## Particulars of Adulteration.

Article	Adulteration or Offence			Remarks	
Children's Tonic	Contained only 1/10 min. amount iron			Warning Letter	
do.	do.	1/20	do.	do.	
Protein Nerve Food	do.	13.1%	casein	}	do.
do.	do.	27.1%	do.		do.
Milk (In-course-del.)	do.	17.76%	added water	}	Prosecution
do.	do.	1.4%	do.		
do. (Taken by outside Authority)	do.	6.1%	do.		
do.	do.	9.6%	do.	}	Warning Letter
do. (In-course-del.)	do.	4.3%	do.		
do. (Taken by outside Authority)	do.	3.4%	do.		
do.	do.	2.98%	min. amt. fat		do.
do.	do.	2.87%	do.		do.
Patent Food ...	Wording on label misleading ...				do.
Milk	Contained 1.96% min. amount fat ...				do.
do.	do.	2.90%	do.		do.
do.	do.	2.79%	do.		do.
Lemon Curd Fruit	do.	not more than 0.03% saccharine		}	do.
Flavouring ...	do.	2.61% min. amount fat			
Milk	do.	only 4.8% available gas ...			do.
Egg Substitute Powder ...	Wording on label misleading ...				do.
Custard Pudding					do.

## Result of Prosecution.

Milk—(in-course-of-delivery and appeal-to-cow)—Fined £20 and Costs.

## Sale of Milk Regulations.

The minimum standard required for milk is laid down in the Sale of Milk Regulations, 1939, made under the Food and Drugs Act, 1938. Milk should contain not less than 3.0% butter fat and 8.5% solids not fat. Milk samples taken under the Food and Drugs Act during the year yield the following results :—

Month	Number of samples taken	Average Results		Number adulterated
		Fat	Solids not fat	
January ...	17	3.52	8.51	3
February ...	24	3.50	8.41	3
March ...	21	3.62	8.47	1
April ...	8	3.23	8.44	1
May ...	10	3.39	8.56	2
June ...	8	3.30	8.70	1
July ...	7	3.56	8.76	—
August ...	24	3.66	8.54	1
September ...	14	3.86	8.65	—
October ...	8	3.58	8.69	—
November ...	5	3.52	8.68	—
December ...	7	3.28	8.63	—
Total... ..	153	3.50	8.59	12

Percentage adulterated—7.85%.

**Public Health (Preservatives in Food) Regulations.**

One hundred and fifty-seven samples of food were examined and complied with the Regulations.

In conclusion, I should like to tender to the Chairman and Members of the Health and Housing Committees my thanks for the help and consideration given to me during the year, and to the Medical Officer of Health my deep appreciation for the help and support he has extended to me in the course of my duties.

I desire also to record my appreciation of the loyal and valuable services rendered by the District Inspectors, clerical staff and workmen of the Department.

I am,

Your obedient servant,

H. HAWORTH, M.S.I.A.,

*Chief Sanitary Inspector.*



